

HYDROGEN FUELED ELECTRICAL GENERATOR SYSTEM AND METHOD THEREOF

Abstract of Disclosure

A system and method are provided for generating electricity for use with liquid hydrogen storage facility. The system includes a liquid hydrogen storage tank with a pressure relief. An energy conversion device is connected to the pressure relief valve and converts the hydrogen into rotational energy to operate an electrical generator. Electricity created by the generator can be fed back to operate ancillary loads in the facility, or sold for use in a main electrical grid.

Figures